

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/086,860
Filing Date	March 4, 2002
First Named Inventor	Robert P. CARMICHAEL
Group Art Unit	3732
Examiner Name	
Attorney Docket Number	10547-005/HRH

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
LMB		US-3,981,079		LENCZYCKI	165100
		US- 4,341,206		PERRETT ET AL	
		US- 5,061,181		NIZNICK	
		US- 5,078,607		NIZNICK	
		US- 5,246,369		POULMAIRE	
		US- 5,312,256		SCORTECCI	
		US- 5,362,234		SALAZAR ET AL	
		US- 5,435,723		O'BRIEN	
		US- 5,601,429		BLACKLOCK	
		US- 5,727,943		BEATY ET AL	
		US- 5,816,812		KOWNACKI ET AL	
		US- 6,018,095		LERCH ET AL	
		US- 6,048,204		KLARDIE ET AL	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner
Signature

Melba Bumgarner

Date
Considered

12/26/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

3.24.03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/086,860
				Filing Date	March 4, 2002
				First Named Inventor	Robert P. CHARMICHAEL
				Group Art Unit	3732
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number	10547-005/HRH
Sheet	2	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mb		Abstract taken from The International Journal of Oral & Maxillofacial Implants, volume 13, Number 2, 1998, pages 289 through 290	
		Article-A multicenter reprot on osseointegrated oral implants by T. Albrektsson, M.D., Ph.D. taken from Maxillofacial Prosthetics, Dental Implants from The Journal of Prosthetic Dentistry, pages 75 through 84 July 1988	
		Article-Mandibular Alveolar Ridge Augmentation in the Dog Using Distraction Osteogenesis by Michael S. Block, Andrew Chang and Craig Crawford - pages 309 through 314, 1996	
		ACE Dental Implant System Mini-Catalog Quality, Precision and Innovative Design for Greater Performance 1993	
		ACE Dental Implant System - Osteodynamics 1993	
		Article - Section III Basic Science and Pathology - The Tension-Stress Effect on the Genesis and Growth of Tissues: Part II. The Influence of the Rate and Frequency of Distraction - by Gavril A. Ilizarov, 1989	
		Article- Section III Basic Science and Pathology - The Tension-Stress Effect on the Genesis and Growth of Tissues: Part I. The Influence of Stability of Fixation and Soft-Tissue Preservation by Gavril A. Ilizarov 1989	

Examiner Signature	Melba Burngarner	Date Considered	12/26/03
-----------------------	------------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/086,860
				Filing Date	March 4, 2002
				First Named Inventor	Robert P. CARMICHAEL
				Group Art Unit	3732
				Examiner Name	
				Attorney Docket Number	10547-005/HRH
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature	Melba Bumgarner	Date Considered	12/26/03
-----------------------	-----------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.